SORAMITSU 8 YEARS ソラミツ

A MEMO TO THE SORA COMMUNITY

JULY 2024

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This document accompanies the invoice sent to SORA for the services provided by SORAMITSU.

July 2024 was an incredible month of accomplishments. The SORA Integrated Plan continues to be the roadmap for the SORA network development pipeline, and the progress rate has steadily advanced.

This memo will provide a perspective on the activities for each track, a description of the development activities specific to this month, and the total amount of hours presented in invoice number 900106 served to the SORA Community.

1   SORA (Substrate) – 5,816 hrs

This month's work focuses on the tokenomics upgrade, Kensetsu, the Multi EVM bridge, the TON bridge, ALT Technology, and the DeFi-R proof of concept.

The Kensetsu MVP was successfully released, and research is ongoing to augment and improve the product constantly, thanks to the community's feedback and the collaboration between the back-end, front-end, quality assurance, and security teams.

ALT (Aggregate Liquidity Technology) functionality is being tested, and progress in this core part of the SORA financial system is steady. Extensive testing is required to ensure the implementation is watertight and bulletproof.

The Multi-EVM bridge is undergoing active testing in the development environment, and research and implementation to support the Binance Smart Chain are ongoing; other EVM-based blockchain connections will be announced later.

Work on a bridge between the SORA network and The Open Network (TON) has begun, with technology research and architecture definition for this implementation. Simultaneously, support for the TON bridge is being actively implemented in the front end and an audit as well as testing are ongoing for a swift release.

The DeFi-R proof of concept to introduce permissioned-style finance activities (ie Central Banks, Exchanges, etc) is underway. This includes the implementation of Soulbound tokens, non fungible and non-transferable assets that serve as the key to enable trading regulated assets according to the held Soulbound.

Continuous collaboration with external partners is maintained, and a collaboration with Polkaswap for a front-end web implementation is part of the scope. Additionally, test cases and activities are ongoing.

The ongoing task of opening HRMP channels to other Polkadot ecosystem networks has also progressed. A channel to the Kusama Asset Hub and Curio network have been opened. Work is ongoing to open a channel to Moonbeam and to register assets on both the Polkadot and Kusama AH, while registering assets from these hubs to the SORA network.

Conversations and governance processes with other networks to open new channels are also ongoing.

Additional work on SORA Substrate infrastructure includes updating the Polkadot SDK, and implementing Ink! smart contract support, and implementing Kensetsu USD as a base for pooling pairs and an orderbook quote asset in Polkaswap.

Collaboration and blockchain architecture research for SORA v3, including integration or interoperability with Central Bank networks, is ongoing.

Finally, ongoing project management activities include SORA Governance and Technical committee support, quality assurance ops, and development support for external teams building on the SORA network.

On the mobile side, testing of SORA Card Phase 2 is underway, updating the implementation based on feedback provided by partners, fiat to crypto conversion, and cross-communication of the fiat wallet application to the SORA wallet and improvements to the KYC flow.

1.1   SORA Backend

- Kensetsu:
  - Research and brainstorming for the next iterations for augmenting and improving the product.

- Tokenomics Upgrade:
  - Testing the changes in tokenomics;
  - Establishing requirements for the second phase of the upgrade.

- Multi-EVM Bridge:
  - Testing the bridge;
  - Researching and implementing support for Binance Smart Chain (BSC).

- TON Bridge:
  - Technology research and definition of architecture;
  - Implementing support for the bridge to TON;
  - Testing bridge;
  - Auditing security.

- Aggregate Liquidity Technology (ALT):
  - Testing and fixing activities.

- DeFi-R Proof of Concept:
  - Establishing requirements for the scope of the project;
  - Working on implementation of:
    - Soulbound tokens (non-transferrable NFTs);
    - Regulated assets (assets available only upon holding the corresponding Soulbound token);
  - Collaboration with Polkaswap team for implementation on Web;
  - Writing test cases and testing activities.

- Others:
  - Upgrading Polkadot SDK version to v1.11.0;
  - Implementing support for Ink! Smart contract;
  - Implementing a mechanism to update the fees to match the target dollar value dynamically;
  - Implementing support for KUSD-base pairs in the liquidity pools and KUSD-quoted orders in the Order Book.

- Collaborating with the SORA Builders (Ceres, Palmatrix teams) and providing technical support to the community;
- Collaborating with private companies and implementing Proof of Concept projects on SORA;
- Codebase maintenance, cleaning, and optimisation;
- Collaboration and research on blockchain architecture for central banks powered by SORA (SORA v3);
- Project management activities (daily meetings, planning, retrospectives);
- Quality assurance, testing activities as well as the development of automated tests.

1.2 Mobile Apps

- Testing Phase 2:
  - Updating implementation based on changes from external partners;
  - Crypto <> Fiat conversion;
  - Integration of fiat wallet application;
  - cross-app communication between SORA and Fiat wallets;
  - Improvements on KYC flow.

- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities;
- Communicated and synchronized with external partners for SORA Card: Phase 2.

2   Substrate (PSWAP) – 918 hrs

Polkaswap has received a substantial amount of ongoing improvements, including:

- Preparation for the Point System page;
- Telegram Mini App improvements:
  - Native Telegram API support:
    Polkaswap Telegram Mini App is more accessible for everyone;
  - Haptic feedback support.

- Swap page improvements:
  - New widget development (price charts for both selected tokens & supply chart);
  - Rearrange/resize widgets support;

- Wallet Connect support for a SORA account;
- New bridge integrations (TON, Moonbase Alphanet, SORA Alphanet);
- Support for different address formatting in the Referral System page;
- Revised menu style;
- Integration of a new "About" page;
- Better local storage management support;
- Responsive design improvements (for mobile devices);
- Search component for Kensetsu statistics;
- New banner design;
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities.

3 DevOps and Security – 457 hrs

The work done this month by DevOps covers the SORA network as well as its underlying infrastructure. Here are more details:

3.1 SORA Blockchain

- Deployed stage 2 environment;
- Improved CI/CD pipeline;
- Internal security audit for:
  - TON bridge

3.2 Parachain

- Improved CI/CD pipeline

3.3 Polkaswap

- Improved CI/CD pipeline;
- Working on fault tolerance.

3.4 Mobile Clients

- Updated CI/CD pipeline:
  - Upgraded autotests pipelines;
  - Improved library.

3.5 SORA Card

- Improved CI/CD;
- Renewed certificates;
- Performed loadtests;
- Implemented extra encryption;
- Working on Infrastructure hardening.

4 Education – 486 hr

Educational operations this month included:

4.1 SORA

- Ecosystem Update;
- Ongoing wiki Improvements;
- Social media management;
- SORATOPIA Campaign;
- Weekly network digest recap;
- Relationship management with parachain teams to open HRMP channels;
- Discussions with potential partners to integrate their services into the SORA wallet and integrate SORA DeFi services into their product;
- Alignment and coordination for business-oriented initiatives;
- Ongoing SORA wiki maintenance and feature documentation covering new releases for users and builders;
- Cross-team, cross-department synchronization and planning on processes;
- Product-Marketing collaboration on marketing campaigns;
- Product-education collaboration on campaigns;
- Data analysis of the network and ecosystem to drive data-driven decision-making;
- Meeting and brainstorming with builders partners for implementing projects on SORA;
- Brainstorming, strategising, and planning for SORA v3;
- SORA evangelisation at industry events and conferences.

4.2 Polkaswap

- Ecosystem update;
- Social media management;
- Polkaswap as Telegram Mini app promotion;
- Polkaswap About Page launch.

- Attending high-impact in-person events and business to government (B2G) expenses.

5 Total Hours – 7,677 hr

Additionally, invoice 900105, attached, pertains to cloud server costs for July 2024 and the yearly payment of the Subscan Block Explorer service.

All SORA Ecosystem Memo payments provide collateral to the Token Bonding Curve.

Your ongoing support is greatly appreciated, and we look forward to continuing to serve you.

Sincerely,

SORAMITSU Helvetia AG

The SORA Ecosystem Updates, published on August 11th, *and the Polkaswap updates on* August 11th *present supporting concept updates.*

SORA TRUST

Invoice

Invoice for	**Payable to**	**Issue Date**	**Invoice Number**
SORA.org	Sora Trust	13 August 2024	ST900105
	Project	**Due Date**	
	Cloud Service Provider Cost for July 2024	20 August 2024	

Description	Amount (CHF)
Cloud Service Provider Cost for July 2024	14,512.00
Subscan Service: Operation and Maintenance-Sora from 01/08/2024 to 31/07/2025	8,437.44
Subtotal	**22,949.44**
Tax	**0.00**

Total Amount Due

CHF 22,949.44

* Payment can be made in equivalent KXOR, at the market rate.

Wallet Address :   cnWP3DYJ5afJZaZsvJ84REqBjqLDRbknejXtCqzj5DC6eQX1R

Thank you very much for your business. We are looking forward to serving you again.

SORA TRUST

Invoice

Invoice for
SORA.org

Payable to
Sora Trust

Issue Date
13 August 2024

Invoice Number
ST900106

Project
Development Cost for July 2024

Due Date
20 August 2024

Description	Quantity (Work-Hours)	Unit Price (CHF)	Amount (CHF)
SORA (Backend, Mobile Apps)	5,816	333.00	1,936,728.00
Polkaswap (Backend, Frontend)	918	333.00	305,694.00
DevOps and Security Review	457	333.00	152,181.00
Education	486	333.00	161,838.00
Subtotal	**7,677.00**	**333.00**	**2,556,441.00**

Subtotal	**2,556,441.00**
Tax	**0.00**

Amount Due **CHF 2,556,441.00**

Grand Total Due (Invoice ST900105 & ST900106) **CHF 2,579,390.44**

* Payment can be made in equivalent KXOR, at the market rate.

Wallet Address :   **cnWP3DYJ5afJZaZsvJ84REqBjqLDRbknejXtCqzj5DC6eQX1R**

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